

11/18/74

The attached letter presents additional information on the companys baghouse. This was received as the result of a request made during our visit to the plant. DTKF 30290543 4.2.



0400 Superfund

James Kelly

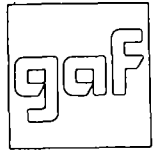
**GAF Corporation**

**Building Products Division**

9215 Riverview Drive

St. Louis, Missouri 63137

Telephone (314) 867-3150



October 31, 1974

James T. Kelly  
Environmental Protection Agency Laboratory  
25 Funston Road  
Kansas City, Kansas 66115

Site:	<u>Certain</u>
ID#:	<u>MO 980631162</u>
Break:	<u>11.8</u>
Other:	<u>GAF Corp.</u>
	<u>10-31-74</u>

Sir:

All of the information that Mr. Bachesta tabulated on our dust collectors was transcribed to your Form OMB No. 158-120098. You should already have this information available, but if you do not I would be happy to send you a copy on request.

I have also gathered somemore information on our wheelabrator dust collector as follows:

Wheelabrator #30R Model 112-C-KD 5 compartment continuous automatic dust collector. Serial #A-102075 purchased approximately 1956. Material handled - dry scrap, from crusher and mixer pickups. Replacement bags purchased from W. W. Criswell Co., Rivertown, N. J. Bags are made of cotton sateen cloth, style #101-00. Preferred bags - BM#132591 Dustube Std. for #5-112 KD Dustube - double bottom reinforced top - 5" nominal diameter x 112" long with loop top and turnback at bottom. Cloth area - 3 compartments @ 1637SF and 2 compartments @ 1786SF rated 6697SF to handle 17,000 CFM air when 1 compartment is shaking.

I hope this information is complete. If you have any questions please do not hesitate to let us know.

Thank you,

*G. R. Reed*

G. R. Reed  
Plant Engineer  
GAF St. Louis

GRR:dau

HAZARDOUS AIR POLLUTANT SOURCE INSPECTION FORM

Company name: G A F Corporation Date: October 30, 1974

Address: 9215 Riverview

St. Louis, Missouri

Inspector(s): James T. Kelly and John J. Giar

Hazardous material used: Ab

Previously established compliance status: In compliance

Compliance determined by: No visible emissions

Date source reported in compliance: July 26, 1973

Person(s) contacted: Bill Neal, Personnel Manager

Bob Reed, Plant Engineer

Description of process or operation using hazardous material: Making of mineral fiber product  
used for siding and baffles in cooling towers. Materials made with Ab, cement, silica  
mixed with H<sub>2</sub>O. Block Ab placed into screw conveyer which moves it to the mixer where it  
is made into a slurry. Slurry is placed on felt to make flat or corrugated sheets. Some  
sheets are cut into smaller pieces.

Description of control equipment: Baghouse on saw #1 - no outside vent. Baghouse on saws  
#2 and #3 no outside vent. Main baghouse on mixers and conveyers has one - outside vent =  
Wheelabrator #30-R Model #112-CK, 5 compartments, each containing 44 tube bags (5"x112").

Location of exhaust vent or stack: Roof of plant - center of north end of building. Cone  
shaped cap over stack.

Compliance status as determined by inspection: Though the baghouse may meet the specification  
for Ab control equipment\*, there were visible emissions observed by both EPA inspectors.

There may be an operation or maintenance problem which should be checked into. Mr. Neal  
stated that Ab alone could not be fed into the system to determine if it is in the visible  
Remarks: emissions.

(OVER)

Remarks: \*The exact information on the baghouses could <sup>not</sup> be obtained as both Messrs. Neal and Reed <sup>didn't</sup> appeared to know much about it. They were not overly familiar with the operation at all. Most of the information they did give us they obtained from other personnel. Pressure drop and air permeability of this baghouse has been checked and apparently is already in the enforcement file on this source.

### CONTROL EQUIPMENT DESCRIPTION

This baghouse serves 2 mixers and a scrp pulverizer. Bags are cotton sateen.

Flow diagram of operation and baghouse:

